

# **I Am a Force of Nature**

**for  
bass trombone  
in 128/octave overtone tuning**

**Peter Thoegersen**

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# 128 Notes of Eighth Octave Overtone Tuning

Harmonic, Cents, Name of interval

<b>1</b>	0	unison
<b>129</b>	13	sixteenthtone
<b>65</b>	27	eighthtone
<b>131</b>	40	smaller quartertone
<b>33</b>	53	quartertone
<b>133</b>	66	large quartertone
<b>67</b>	79	small semitone / 3-eighthtones
<b>135</b>	92	minor semitone
<b>17</b>	105	Bb, major semitone
<b>137</b>	118	large semitone
<b>69</b>	130	big semitone
<b>139</b>	143	small three quarters of a tone
<b>35</b>	155	large three quarters of a tone
<b>141</b>	167	diminished whole tone
<b>71</b>	180	small whole tone
<b>143</b>	192	minor whole tone
<b>9</b>	204	B, major whole tone
<b>145</b>	216	large whole tone
<b>73</b>	228	whole plus eighthtone
<b>147</b>	240	5ET diesis
<b>37</b>	251	five quarters of a tone
<b>149</b>	263	diminished minor third
<b>75</b>	275	low minor third
<b>151</b>	286	small minor third
<b>19</b>	298	minor third
<b>153</b>	309	low just minor third (referencing 316)
<b>77</b>	320	high just minor third (referencing 316)
<b>155</b>	331	large minor third
<b>39</b>	342	big minor third
<b>157</b>	354	neutral third
<b>79</b>	365	tiny major third
<b>159</b>	375	eighthtone flat major third
<b>5</b>	386	C#, just major third
<b>161</b>	397	ET major third
<b>81</b>	408	Pythagorean ditone
<b>163</b>	418	large Pythagorean ditone
<b>41</b>	429	Db
<b>165</b>	440	small quartertone sharp major third
<b>83</b>	450	quartertone sharp major third
<b>167</b>	460	tiny fourth
<b>21</b>	471	low fourth
<b>169</b>	481	minor fourth
<b>85</b>	491	major fourth

<b>171</b>	501	ET perfect fourth
<b>43</b>	512	perfect fourth, D
<b>173</b>	522	fourth plus comma
<b>87</b>	532	fourth plus a fifhtone
<b>175</b>	541	fourth plus small quartertone
<b>11</b>	551	eleventh harmonic
<b>177</b>	561	tiny tritone
<b>89</b>	571	low tritone
<b>179</b>	581	minor tritone
<b>45</b>	590	D#
<b>181</b>	600	Eb, ET tritone
<b>91</b>	609	large tritone, Eb in tonal music
<b>183</b>	619	big tritone
<b>23</b>	628	eighthtone high tritone
<b>185</b>	638	quartertone and sixteenth flat dominant
<b>93</b>	647	quartertone flat dominant
<b>187</b>	656	tiny dominant
<b>47</b>	666	small dominant
<b>189</b>	675	eighthtone low dominant
<b>95</b>	684	irregular perfect fifth
<b>191</b>	693	sixth comma flat fifth
<b>3</b>	702	perfect fifth
<b>193</b>	711	poodle fifth
<b>97</b>	720	large fifth
<b>195</b>	729	howling dominant
<b>49</b>	738	sixthtone high dominant
<b>197</b>	746	three quartertones high perfect fifth
<b>99</b>	755	quartertone high perfect fifth
<b>199</b>	764	quartertone and 16 <sup>th</sup> tone high fifth
<b>25</b>	773	quartertone and eighthtone high fifth
<b>201</b>	781	almost minor sixth
<b>101</b>	790	tiny minor sixth
<b>203</b>	798	ET minor sixth
<b>51</b>	807	minor sixth
<b>205</b>	815	just minor sixth
<b>103</b>	824	large minor sixth
<b>207</b>	832	big minor sixth
<b>13</b>	841	thirteenth harmonic
<b>209</b>	849	quartertone high minor sixth
<b>105</b>	857	quartertone plus minor sixth
<b>211</b>	865	almost major sixth
<b>53</b>	874	tiny major sixth
<b>213</b>	882	small major sixth
<b>107</b>	890	just major sixth
<b>215</b>	898	ET major sixth
<b>27</b>	906	major sixth
<b>217</b>	914	sixthtone high major sixth
<b>109</b>	922	eighthtone high major sixth
<b>219</b>	930	eighthtone and 16 <sup>th</sup> tone high major sixth

<b>55</b>	938	large major sixth
<b>221</b>	945	big major sixth
<b>111</b>	953	three quartertone sharp major sixth
<b>223</b>	961	small harmonic seventh
<b>7</b>	969	harmonic seventh
<b>225</b>	977	large harmonic seventh
<b>113</b>	984	tiny minor seventh
<b>227</b>	992	small minor seventh
<b>57</b>	999	G, minor seventh
<b>229</b>	1007	large minor seventh
<b>115</b>	1015	big minor seventh
<b>231</b>	1022	double perfect fourth
<b>29</b>	1030	eighthtone high major seventh
<b>233</b>	1037	eighth- and 16 <sup>th</sup> tone high minor seventh
<b>117</b>	1044	three-eighths flat major seventh
<b>235</b>	1052	quartertone flat minor seventh
<b>59</b>	1059	tiny major seventh
<b>237</b>	1066	diminished major seventh
<b>119</b>	1074	eighthtone flat major seventh
<b>239</b>	1081	small major seventh
<b>15</b>	1088	major seventh
<b>241</b>	1095	large major seventh
<b>121</b>	1103	ET major seventh
<b>243</b>	1110	big major seventh
<b>61</b>	1117	Ab, large minor seventh
<b>245</b>	1124	eighthtone plus major seventh
<b>123</b>	1131	leading tone major seventh
<b>247</b>	1138	sharp leading tone major seventh
<b>31</b>	1145	hyper leading tone major seventh
<b>249</b>	1152	quartertone flat octave
<b>125</b>	1159	three-eighths flat octave
<b>251</b>	1166	eighthtone flat octave
<b>63</b>	1173	small octave
<b>253</b>	1180	comma flat octave
<b>127</b>	1186	dipped octave
<b>255</b>	1193	preoctave

# I Am A Force of Nature

for bass trombone in 128/octave overtone tuning

Peter Thoegersen

Bass Trombone

*no vibrato*

$\text{half note} = 130$

3 3 3 *tr* 3 3 *flutter gliss*

$-20 +22$  *mf* *mp*  $+18 -22$  *ff*  $-22$  *fff* *p*

B. Tbn.

*senza misura*

4 *slap mouthpiece w hand*

*quasi rubato*

$\text{half note} = 60$

I am a FORCE OF NA TURE

*mp* *ffff* *mf* *fff*

B. Tbn.

6

*accel.*

$+24 +18$   $+16$   $+31 +11$   $+22$  *f* *fff* *ff*  $+16$   $+22$   $+13$

B. Tbn.

8

*accel.*  $\text{half note} = 120$  *rallentando*

$+22$   $-3$   $+16$   $-22$   $+22$   $+56$   $-19$   $+31$   $+18$   $+45$   $+22$  *f* *fff* *pp*

B. Tbn.

**Adagio**  $\text{half note} = 40$

13

$+11$   $+20$   $+11$   $+20$   $+24$   $+48$  *p* *ffff* *pp* *ffff* *f* *ffff*

*senza misura*  
*mouthpiece slap with hand*

B. Tbn.

16

+11 *mf* *fff*

+18 *tr* +45

*fff*

*lip trill*

+13 +22

+11 *mf*

*senza misura*

*mouthpiece slap with hand*

I'm a FORCE of nature

*ffff* *mf*

$\text{♩} = 80$

B. Tbn.

19

6 3 7

$f$

+24 -19 +31 +22 +13 +22 1/1 -22 +22 +16 +18 +16

5

B. Tbn.

21

3

+20

+56 -19

+18 7 -19

-19

+18

-24

*ff*

*mf*

B. Tbn.

23 +17 flip doit mp +22 +56 -19 f +31 +18 mf +22 -24

B. Tbn.

26

*fff*

+31 +22 +24 +56 +18 +22

5 7

B. Tbn. 28

*ff* *f*

B. Tbn. 31

*ff* *f*

B. Tbn. 33

*fff* *f* *ff* *mf*

B. Tbn. 36

*fff* *mp*

B. Tbn. 37

*mf* *ff* *mp* *fff*

*lunga*

***quasi rubato*****Adagio** ♩ = 40*hint of pitch lost in lip rolls* -----

B. Tbn.

39 *sing any interval*

+11 **pppp** +24 **fp** +16 **pp** 1/1 **mp**

***rubato****please sing a 12th above the played note into the trombone*

43

*Harmon Mute*

B. Tbn.

+24 **p** +18 **ff** +22 **pp** +11 **fff** +16 **mf** +24 **f** +31 **mp** +24 **ff**

**Moderato** (♩ = c. 116)*Mute**swing*

B. Tbn.

47 *sing and play same note*

+31 **mf** +11 -19 +24 +22 +16 +13 3

B. Tbn.

49

+11 +22 **f** +24 +13 +16 3 +45 **mf** +22 **mp**

B. Tbn.

52

+22 **f** +24 **mf** +11 -19 **mp** +56 **mf** +24 **ff**



B. Tbn. 55

*f*

+56 +22 +45 +18 +31 +16 +45 +22 +24 +22 +13 +18 +18 -19 +20 -20 +20 +22 +18 +56

Senza sord.

*rubato*

B. Tbn. 58

*senza misura sing* *shake and fall off* *fall off*

*ffff* am a FORCE of na-ture +31 *sfz* +13 *sfz* +13 +16 +22 +24 +11 +22 *fff*

Moderato

*quasi rubato*

B. Tbn. 61 = 90

*mf* +11 +16 +22 -19 +22 +24 +56 +13 *f* +18 +31 +56

B. Tbn. 64

*f* -19 +31 +45 +22 +11 *mf* +11 +18

*legato*

B. Tbn. 67

*mf* +45 *f* +11

B. Tbn.

70

6 5 6 5

*ff* *ffff* *fff*

+22 +24 +24 +48 +20 -19 +56

B. Tbn.

74

3 6

*mp* *fff* *mf*

+31 +11 +22 +18 +45 +24

B. Tbn.

78

5 6 6

*mf*

+22 +18

B. Tbn.

81

*ff*

+22 +22 +18 +45 +22

B. Tbn.

84

3

*fff* *f* *mf*

+24 +22 +16 -19 +22 +24 +18 +11

rit.

87 *gliss up slightly*

B. Tbn.

+20 -19 +22 1/1 +13 +11 +16 +13

*mf* *f*

90 *wild vibrato* *flutter gliss*

B. Tbn.

+22 1/1 +13 +20 +11 +20 -25

*mp* *ff* *fff*

*senza misura*

*sing* *wild vibrato*

B. Tbn.

I am a force of NA - TURE

*p* *ff*

Adagio ♩ = 40

*whimsical*

95 *rip* *fall off*

B. Tbn.

7 +13 7 -19

*ff* *mf*

97 *fall off* *rip*

B. Tbn.

+16 +13 5 +31 -19

*fff* *f*

B. Tbn. 99

*p* *mp* *pp*

B. Tbn. 101

*mf* *f* +31

B. Tbn. 103

*ff* -19 +11 +13 +24

B. Tbn. 105

*mf* +31 *f*

B. Tbn. 107

+45 *fff*

109

B. Tbn.

*mp* *mf* +22 +22

111

B. Tbn.

*ff* *ff* *ff* *ff* +56 *mp* *fz* *ppp*

113

B. Tbn.

*rip* *fall off* *3* *6* *pp*

115

B. Tbn.

*mp* *mp* *mp* *mp* +24 *f* *fff* *fff*

117

B. Tbn.

*ff* *ff* *ff* *mf* *mf* *mf*

B. Tbn.

119

*f*

5

7

+18

+22

B. Tbn.

121

*p*

5

3

+16

*mp*

+18

B. Tbn.

123

*mf*

3

3

+18

*pp*

B. Tbn.

125

*mp*

3

+56

split tone

+31

*f*

B. Tbn.

127

*f*

3

+11

+18

+22

+18

*mp*

*p*

129

B. Tbn.

*sf* *mf* *f* *mf*

+24 -19

131

B. Tbn.

*f* *ff* *ff*

+45 5 3

133

B. Tbn.

*mf* *f* *f*

+13 3 +16

135

B. Tbn.

*fff* *fff*

+16

137

B. Tbn.

*ff* *ffff* *ffff*

+31 +16 +22 +16

B. Tbn. 139

*fall off*

*pp* +16 *ff*

B. Tbn. 141

*flutter*

+11 *ffff*

B. Tbn. 143 *senza trem*

+20 *niente*

(@ 10-12 min.)